

FIG. 1

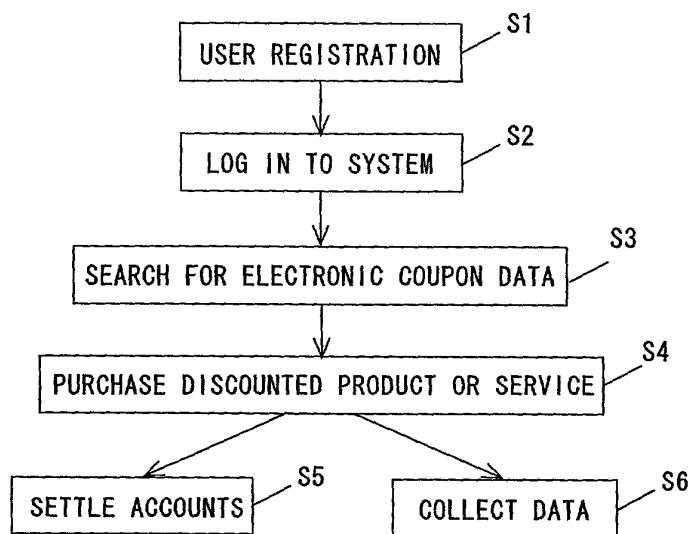


FIG. 2

FIG. 3 is a screenshot of a 'USER REGISTRATION' form. The form is titled 'USER REGISTRATION' and contains the instruction 'PLEASE ENTER THE FOLLOWING INFORMATION'. The form fields are:

- USER NAME
- AGE
- ADDRESS
- FAMILY
- HOBBIES
- CELLULAR PHONE NUMBER
- E-MAIL ADDRESS
- CREDIT CARD NUMBER

At the bottom of the form are two buttons: 'CANCEL' and 'REGISTER'.

FIG. 3

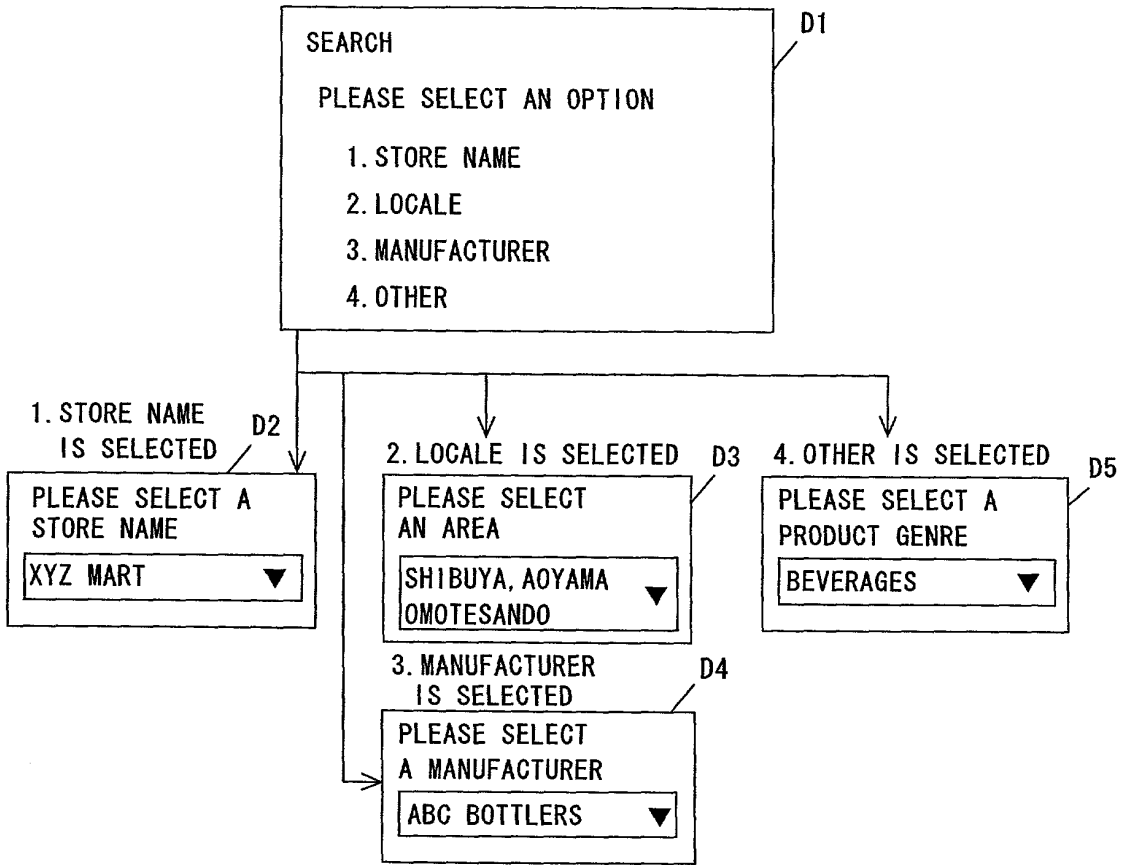


FIG. 4

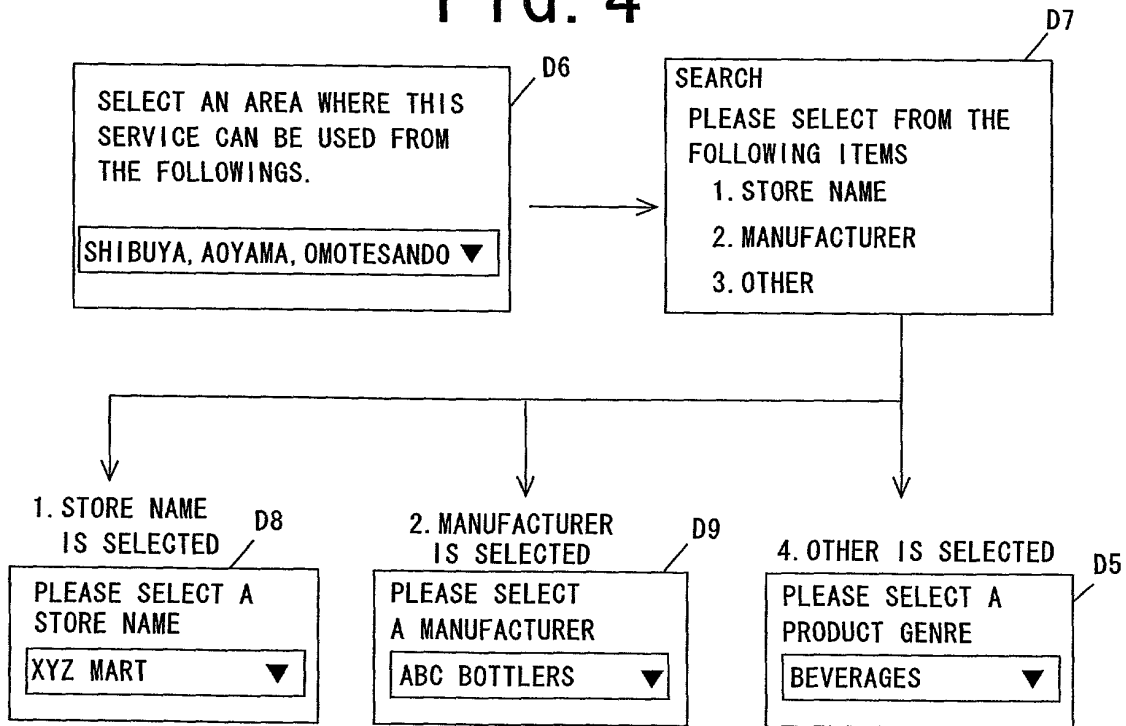


FIG. 5

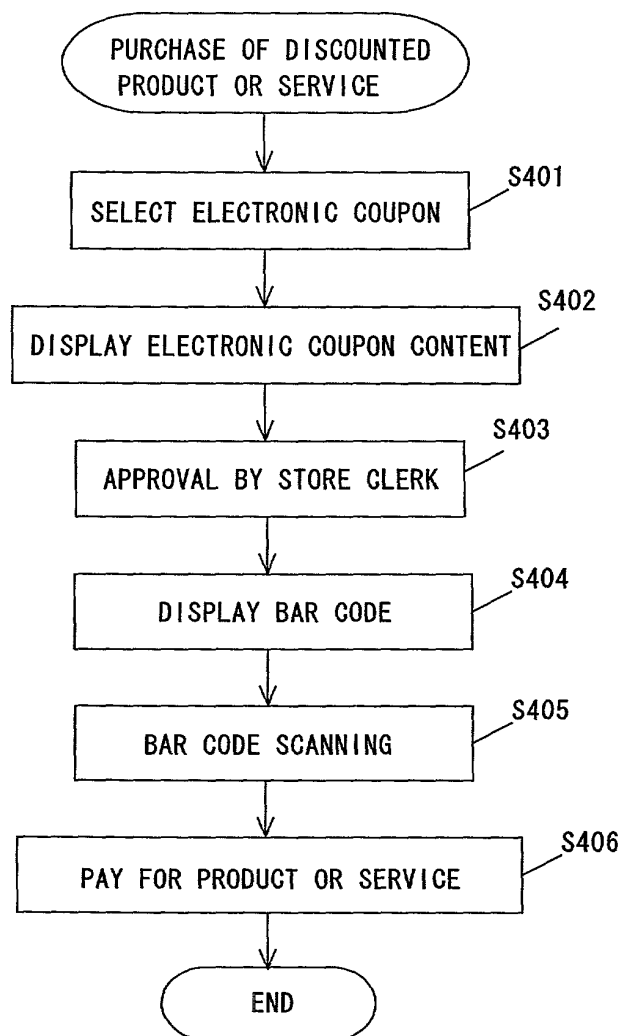


FIG. 6

Patented 2004.06.06

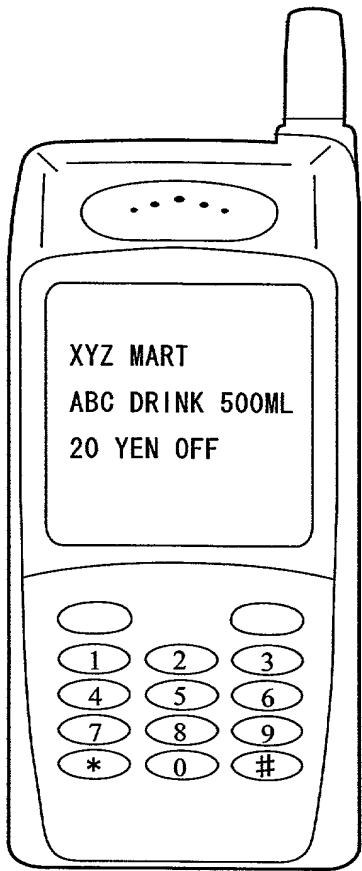


FIG. 7

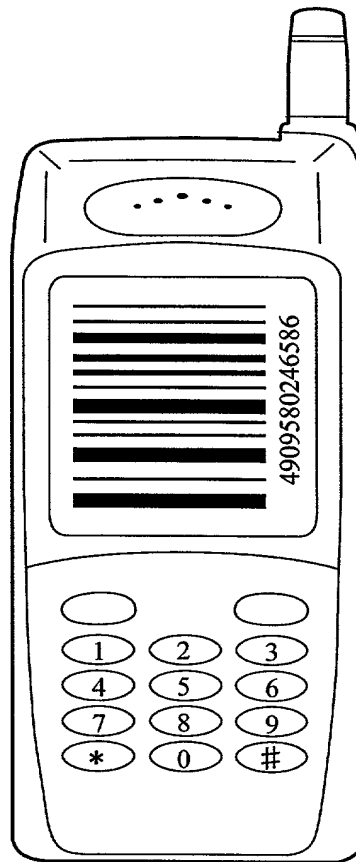


FIG. 8

```
graph TD
    STORE([STORE])
    USER([USER])
    PROVIDER([COUPON SERVICE PROVIDER])

    USER --> S411[NOTIFY OF ELECTRONIC COUPON SELECTION]
    S411 --> PROVIDER
    PROVIDER --> S412[SEND ELECTRONIC COUPON DATA]
    S412 --> USER
    USER --> S413[DISPLAY ELECTRONIC COUPON DATA]
    S413 --> S414[REQUEST BAR CODE]
    S414 --> PROVIDER
    PROVIDER --> S415[GENERATE BAR CODE]
    S415 --> S416[SEND BAR CODE]
    S416 --> USER
    USER --> S417[DISPLAY BAR CODE]
    S417 --> STORE
    S417 --> S418[SCAN BAR CODE]
    S418 --> PROVIDER
    PROVIDER --> S420[ANALYZE BAR CODE]
    S420 --> S421[PAY PRICE AFTER DISCOUNT]
    S420 --> S424[SETTLE ACCOUNTS]
    S421 --> S423[RECEIVE PAYMENT AND PROVIDE PRODUCT OR SERVICE]
    S423 --> STORE
    S424 --> PROVIDER
    S423 --> END1([END])
    S421 --> END2([END])
    S424 --> END3([END])

    S419[SHOW PRICE AFTER DISCOUNT] -.-> S421
    S422[SHOW PRICE AFTER DISCOUNT] -.-> S423
```

FIG. 9

FIG. 10

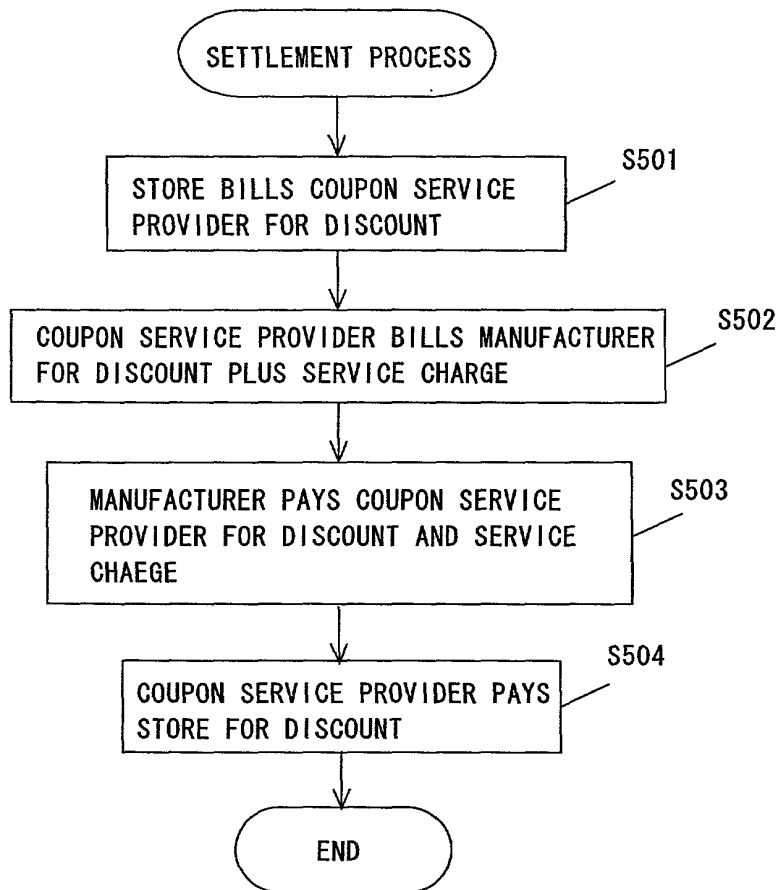


FIG. 10

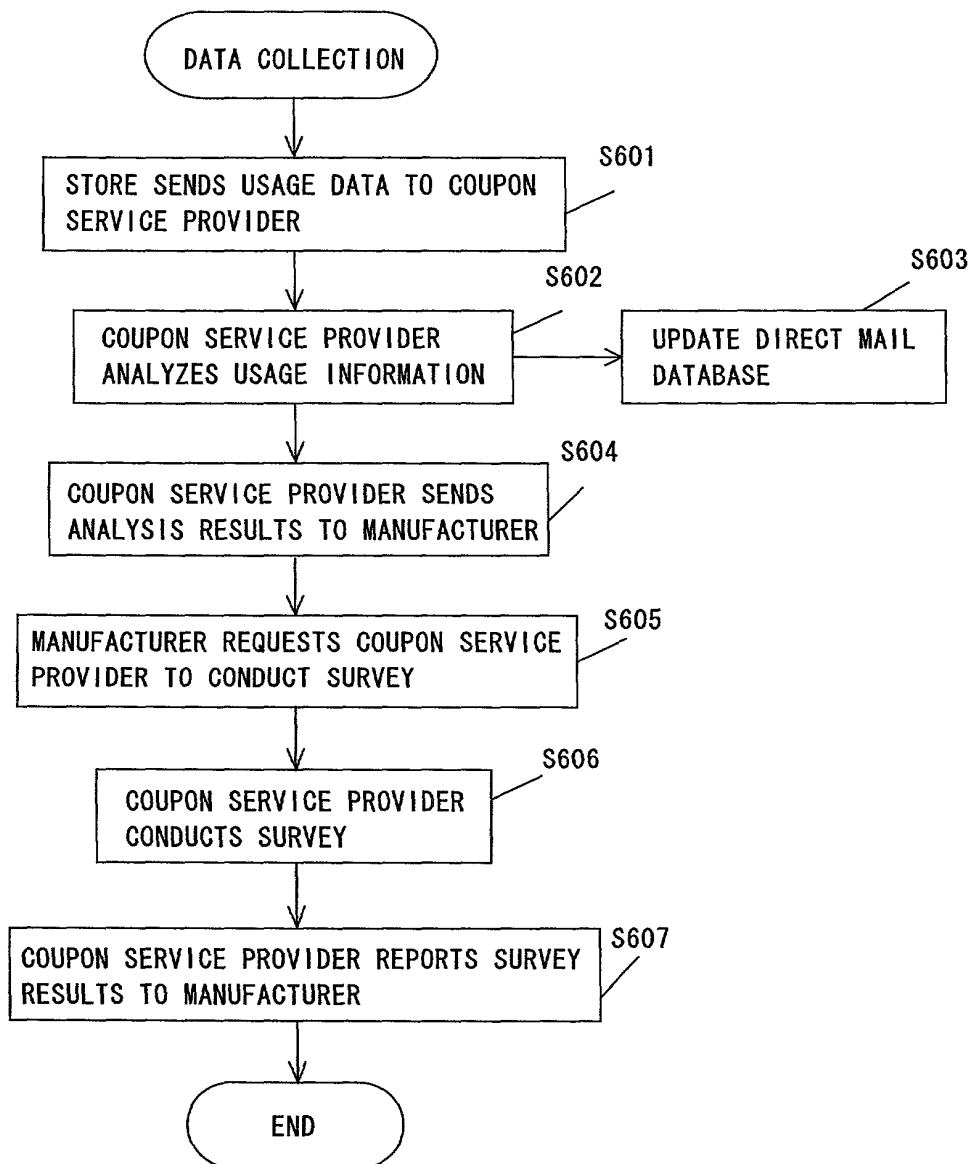


FIG. 11

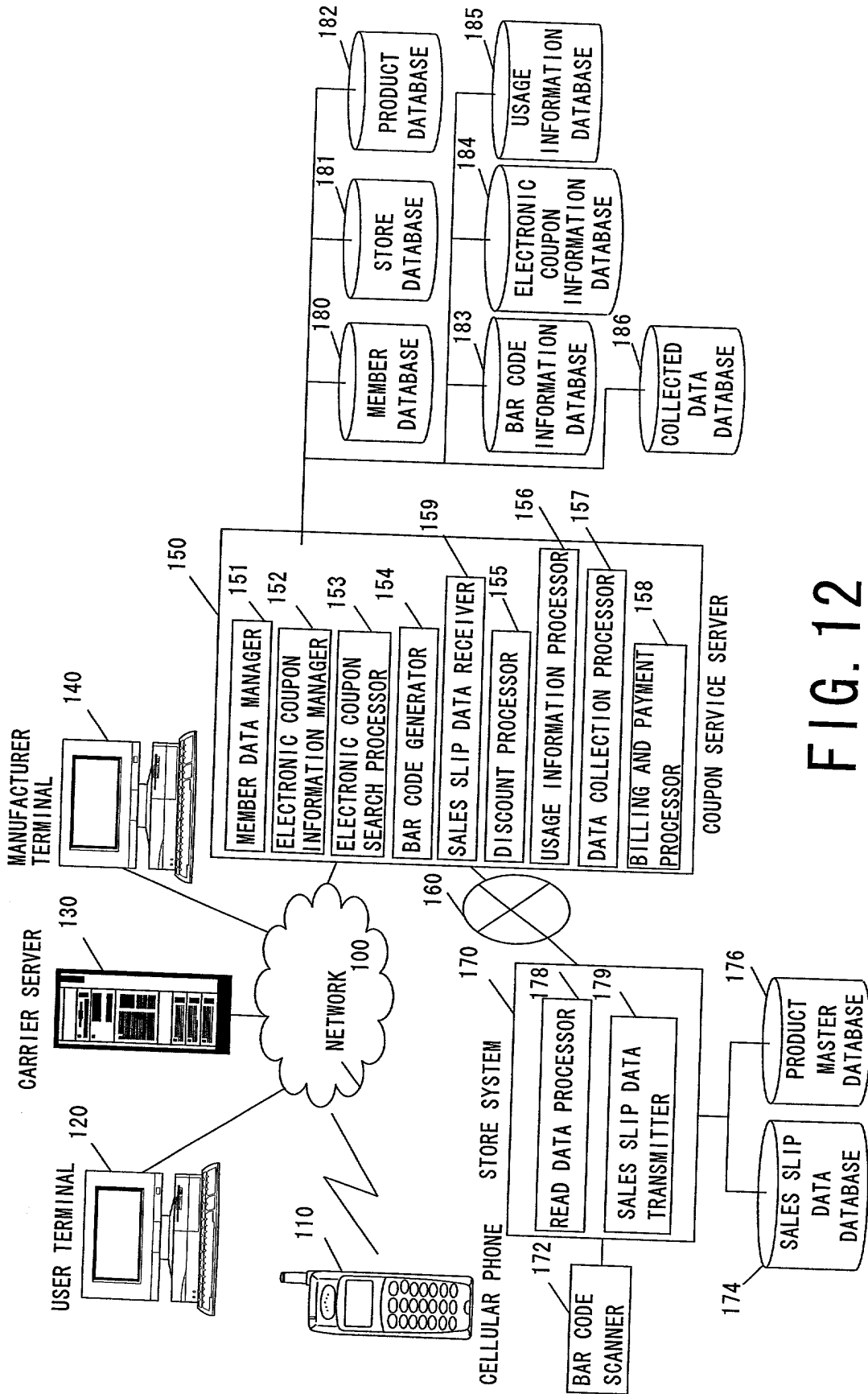


FIG. 12

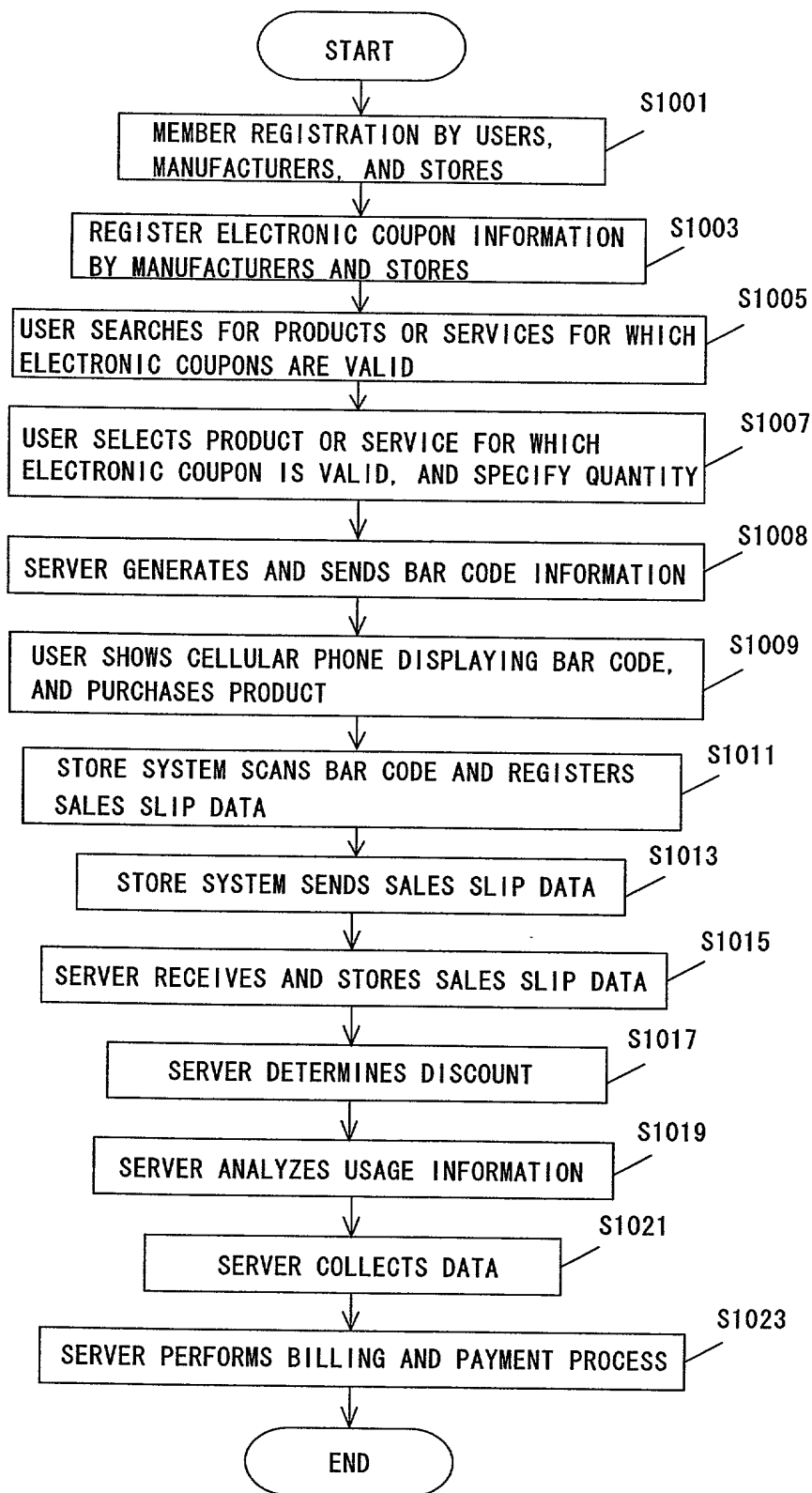


FIG. 13

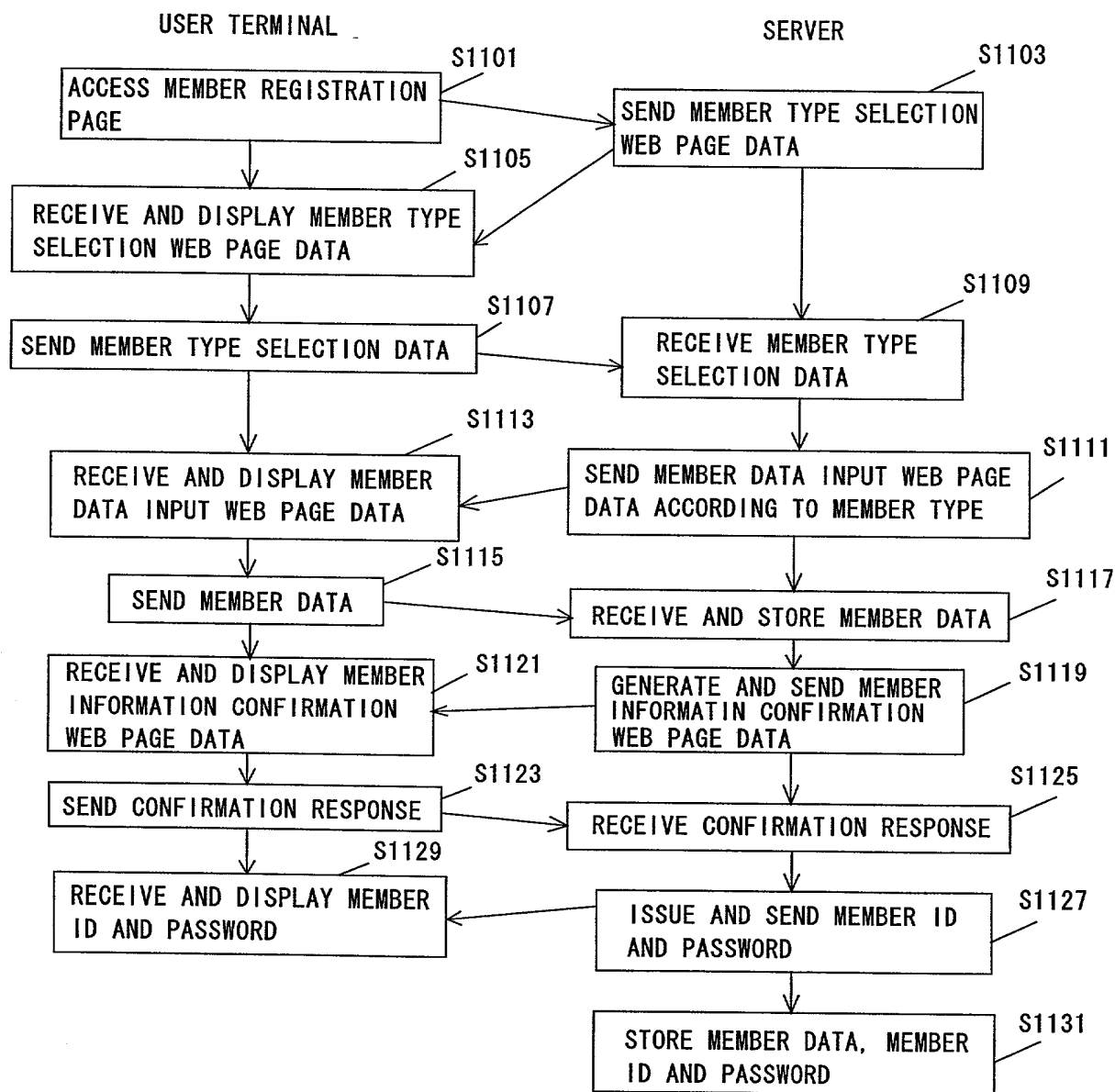


FIG. 14

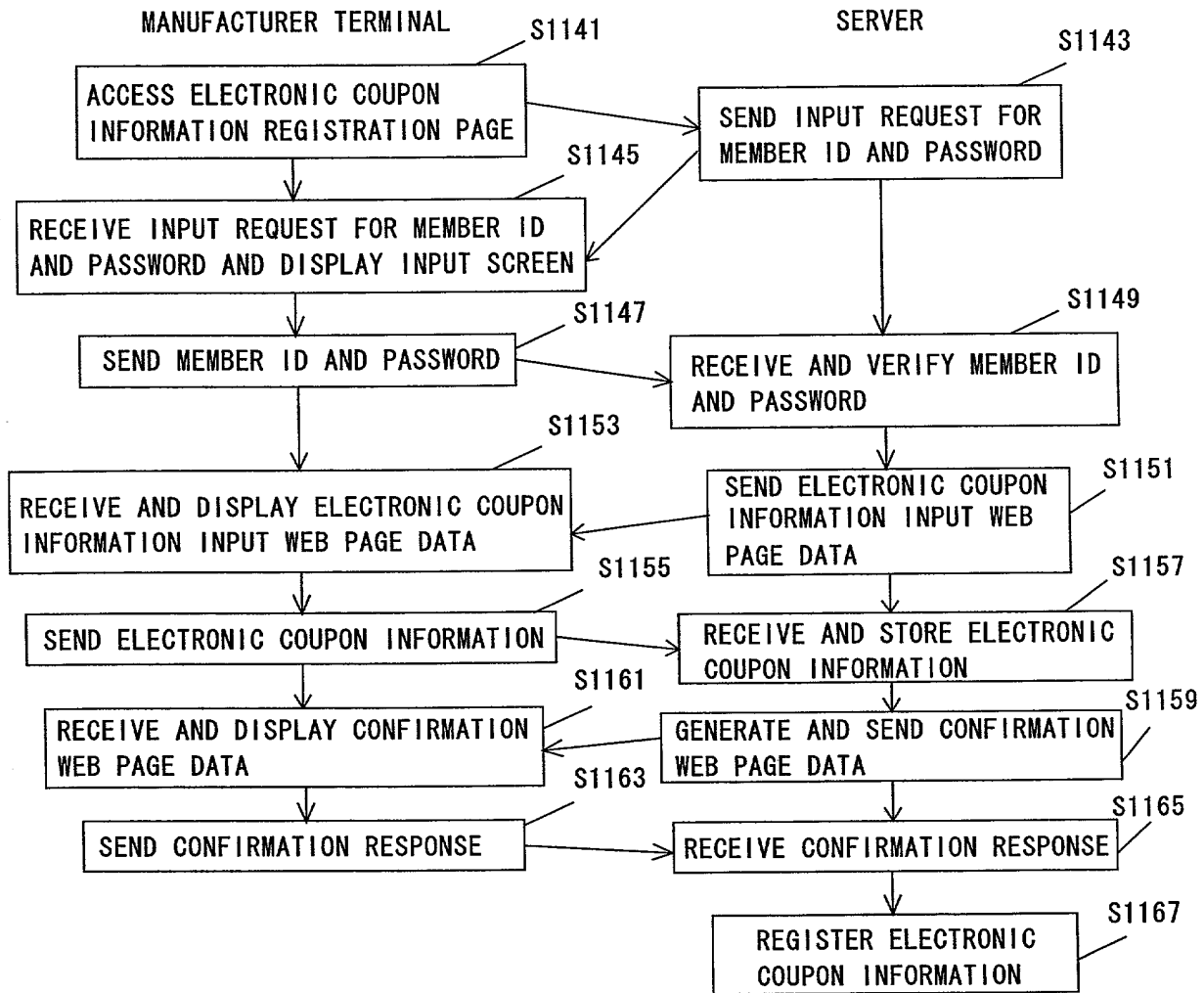


FIG. 15

APPLICABLE PRODUCT OR SERVICE		
JAN CODE FOR APPLICABLE PRODUCT OR SERVICE		
DISCOUNT		YEN
VALID PERIOD	FROM <input type="text"/> YY <input type="text"/> MM <input type="text"/> DATE <input type="text"/> HR <input type="text"/> MIN TO <input type="text"/> YY <input type="text"/> MM <input type="text"/> DATE <input type="text"/> HR <input type="text"/> MIN	
DISCOUNT AREA	SHIBUYA AREA	▼
USABLE STORE	OX CONVENIENCE STORE	▼
DISIGNATION OF USER CLUSTER	OFFICE WORKERS	▼

FIG. 16

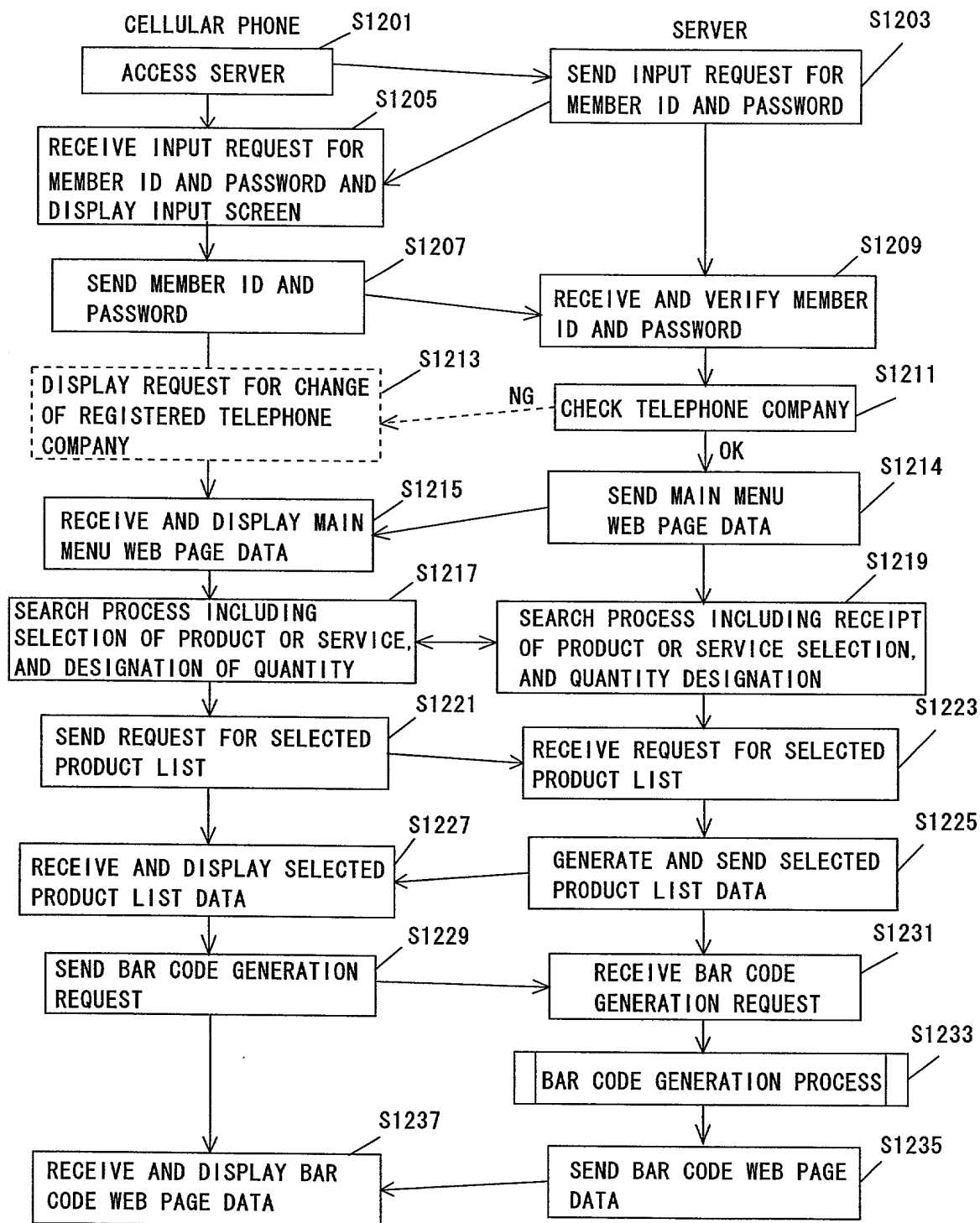


FIG. 17

5. END

[illegible]

*RETURN TO MAIN MENU

FIG. 22

(A-1)

SEARCH FROM STORES

1. CONVENIENCE STORES
2. SUPERMARKETS
3. GROCERY STORES
4. HOME CENTERS
5. DISCOUNT STORES
6. LARGE SHOPPING CENTERS
7. SPECIALIZED CHAIN STORES
8. OTHER
9. RETURN TO MAIN MENU

(A-2)

CONVENIENCE STORES

1. AAA
2. BBB
3. CCC
4. DDD
5. EEE
6. FFF
7. GGG
8. OTHER
9. RETURN TO MAIN MENU

(A-3)

FIRST CHARACTER IN
STORE NAME

1. A, B, C
2. D, E, F
3. G, H, I
4. J, K, L
5. M, N, O
6. P, Q, R
7. S, T, U, V
8. W, X, Y, Z
9. RETURN TO MAIN MENU

(A-4)

STORE FFF SHIBUYA

COUPONS AVAILABLE FOR

- 10 PRODUCTS
1. SHOW ALL 10
2. BEVERAGES 2
3. CANDY 2
4. BOX LUNCHES 3
5. DAILY SUNDRIES 3
9. RETURN TO PREVIOUS MENU

(A-5)

STORE FFF SHIBUYA

GENRE: CANDY

2

1. A LOW-SALT POTATO

CHIPS

20

2. B CHOCOLATE

20

9. RETURN TO PREVIOUS MENU

DISCOUNT TOTAL:0

(A-6)

STORE FFF SHIBUYA

1. A LOW-SALT POTATO

CHIPS, 100 GRAMME

20 YEN DISCOUNT NOW

AVAILABLE

1. INPUT QUANTITY

2. SELECT OTHER

3. SHOW TOTAL

9. RETURN TO PREVIOUS MENU

TOTAL:0

(A-7)

STORE FFF SHIBUYA

1. A LOW-SALT POTATO

CHIPS, 100 GRAMME

20 YEN OFF STORE PRICE

QUANTITY:1

PRESS F TO CONFIRM

2. SELECT OTHER

3. SHOW TOTAL

9. RETURN TO PREVIOUS MENU

DISCOUNT TOTAL:20

(A-8)

STORE FFF SHIBUYA

PURCHASED PRODUCT LIST

1. A POTATO CHIPS 2 40

2. A BEVERAGE 1 20

3. B BEVERAGE 2 40

TOTAL

5 100

*EDIT/DELETE:ENTER NUMBER

*SHOW TOTAL

*RETURN TO PREVIOUS MENU

FIG. 19

(B-1)

LIST OF AVAILABLE
DISCOUNTED PRODUCTS
1. SHOW ALL
2. BEVERAGES
3. CANDY

(B-2)

LIST OF AVAILABLE
DISCOUNTED PRODUCTS
1. A POTATO CHIPS
2. B CHOCOLATE

(B-3)

1. AAA
2. BBB
3. CCC
4. DDD
5. EEE
6. FFF
7. GGG
8. OTHER
9. RETURN TO MAIN MENU

FIG. 20

(C-1)

LIST OF AREAS
1. SHIBUYA WARD
2. SHINJUKU WARD
3. SETAGAYA WARD

(C-2)

1. AAA
2. BBB
3. CCC
4. DDD
5. EEE
6. FFF
7. GGG
8. OTHER
9. RETURN TO MAIN MENU

FIG. 21

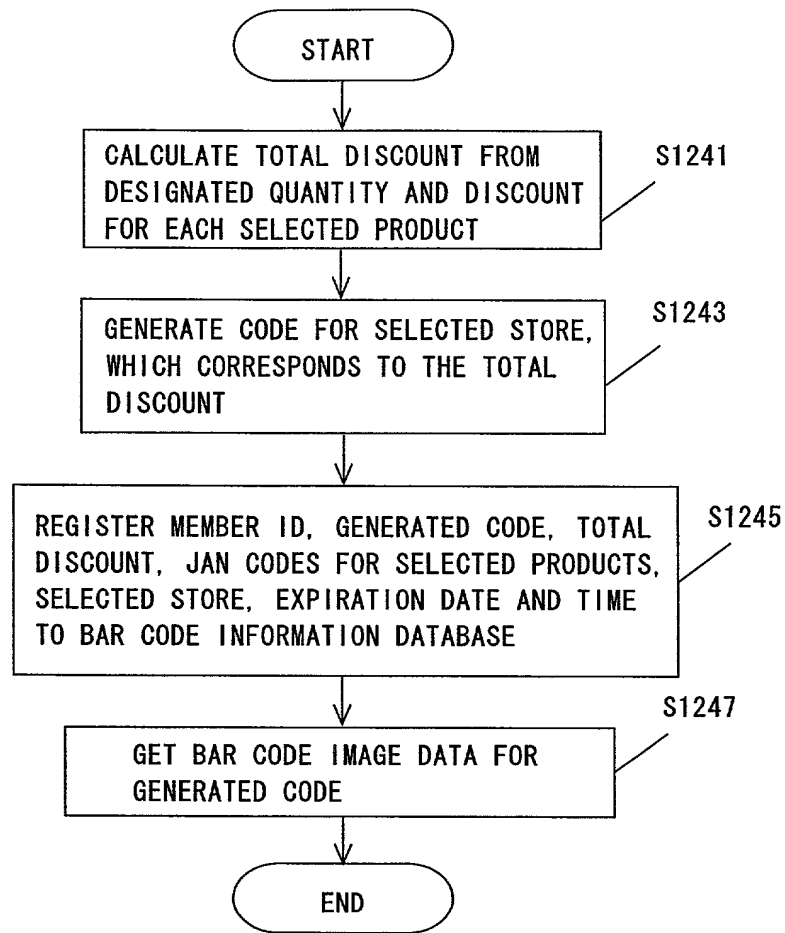


FIG. 23

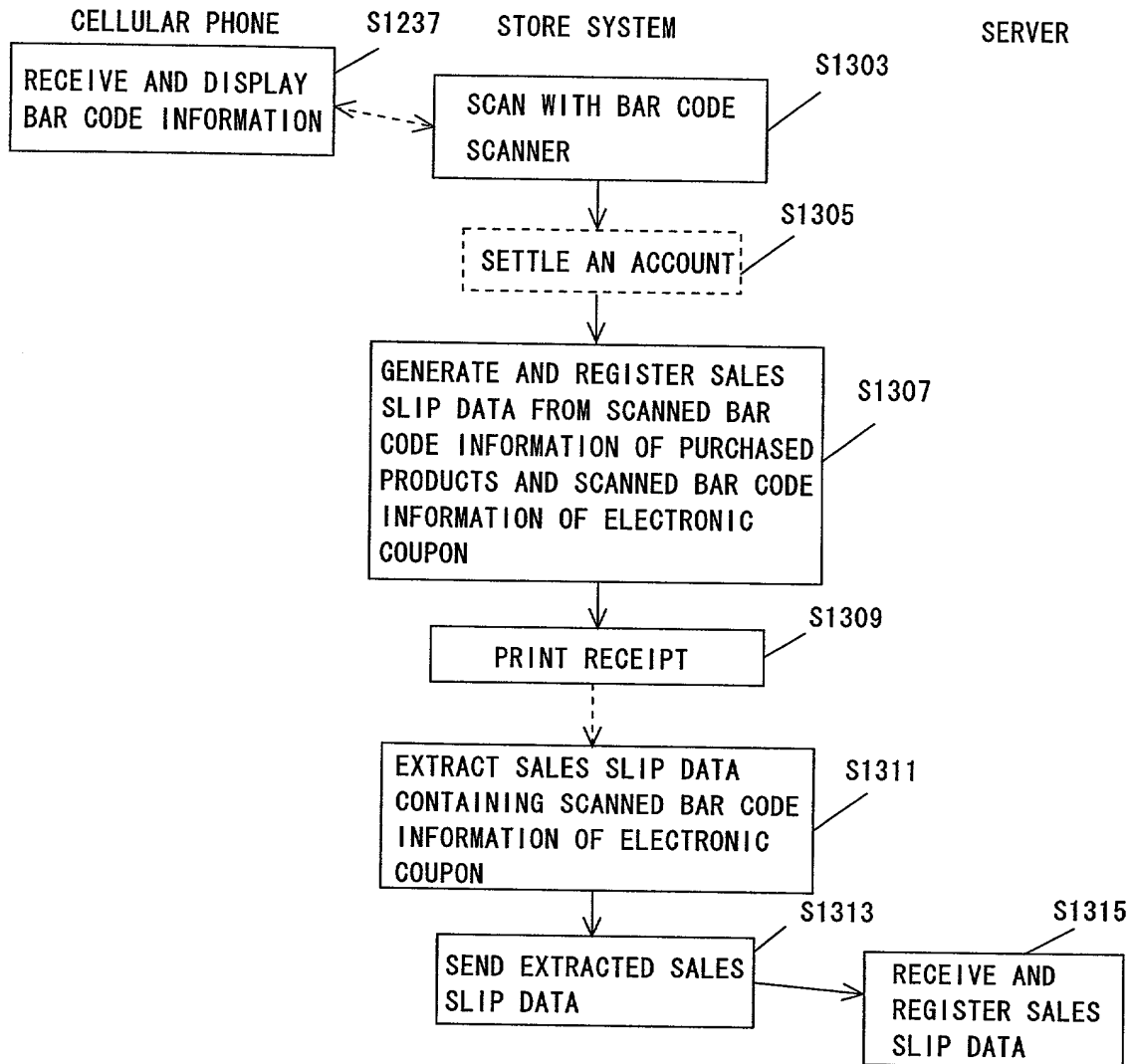


FIG. 25

[Faint, illegible handwritten notes or bleed-through from the reverse side of the page.]

RECEIPT NO. 24525

NOT SUBJECT TO DISCOUNT

FIG. 30

```

graph TD
    subgraph STORE_SYSTEM [STORE SYSTEM]
        S1321[EXTRACT SCANNED BAR CODE  
INFORMATION OF ELECTRONIC  
COUPON FROM SALES SLIP] --> S1323[SEND SCANNED BAR CODE INFORMATION OF  
ELECTRONIC COUPON AND CODE REQUEST  
FOR DISCOUNT PRODUCTS]
        S1331[RECEIVE PAIR OF JAN CODES  
AND SCANNED BAR CODE INFORMATION  
OF ELECTRONIC COUPON] --> S1333[DETERMINE IF RECEIVED JAN CODES  
ARE INCLUDED IN SALES SLIP DATA  
CONTAINING SCANNED BAR CODE  
INFORMATION OF ELECTRONIC COUPON;  
OBTAIN QUANTITY IF INCLUDED]
        S1335[SEND PAIRS OF QUANTITY AND JAN  
CODE FOR SCANNED BAR CODE  
INFORMATION OF ELECTRONIC  
COUPON]
    end

    subgraph SERVER [SERVER]
        S1325[RECEIVE SCANNED BAR CODE  
INFORMATION OF ELECTRONIC  
COUPON AND CODE REQUEST FOR  
DISCOUNTED PRODUCTS] --> S1327[RETRIEVE JAN CODES CORRESPONDING  
TO SCANNED BAR CODE INFORMATION  
OF ELECTRONIC COUPON]
        S1329[SEND JAN CODES IN COMBINATION  
WITH SCANNED BAR CODE INFORMATION  
OF ELECTRONIC COUPON] --> S1337[RECEIVE AND REGISTER PAIRS  
OF QUANTITY AND JAN CODE FOR  
SCANNED BAR CODE INFORMATION  
OF ELECTRONIC COUPON]
    end

    S1323 --> S1325
    S1327 --> S1329
    S1329 --> S1331
    S1333 --> S1335
    S1335 --> S1337

```

FIG. 27

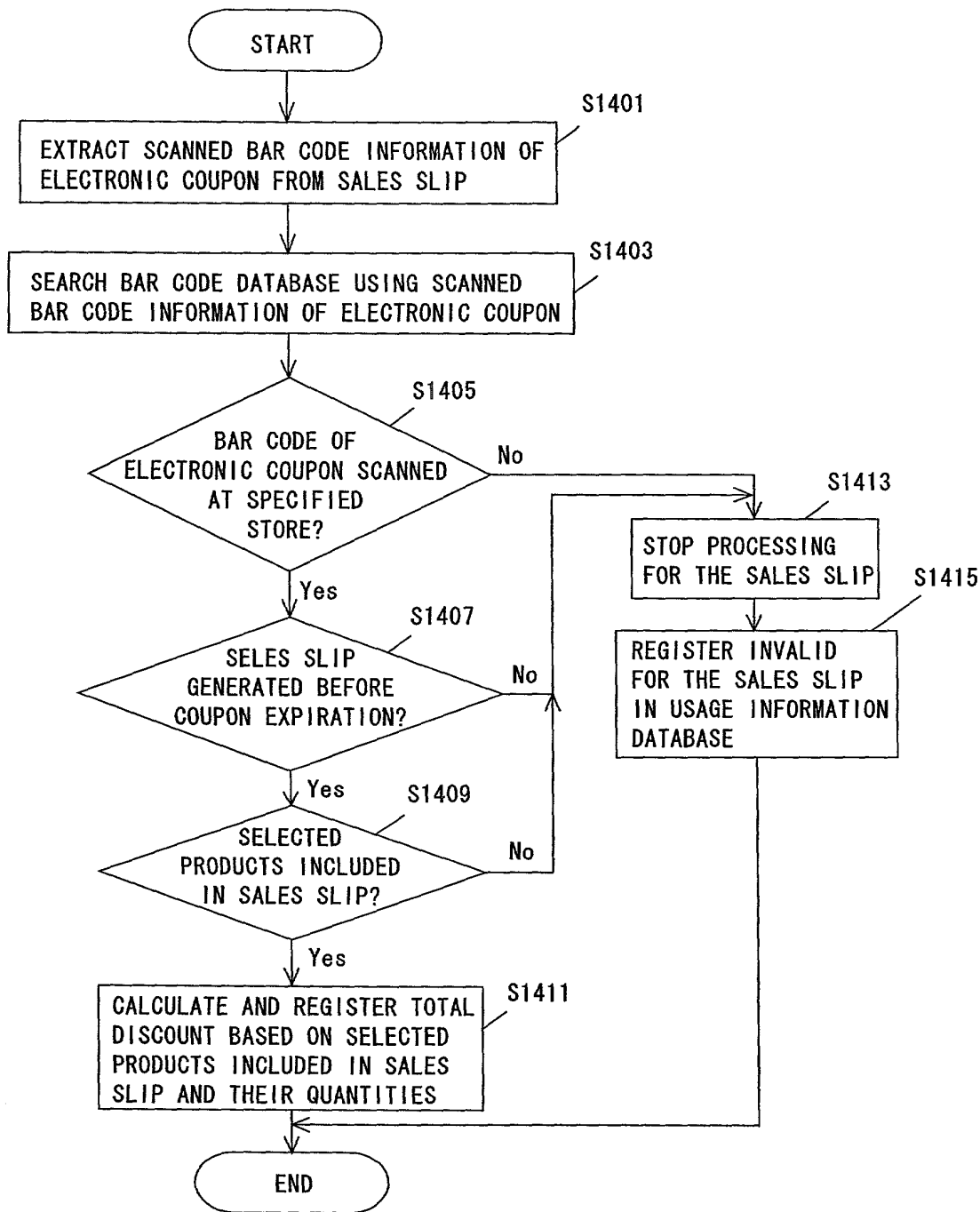


FIG. 28

101080-22881660

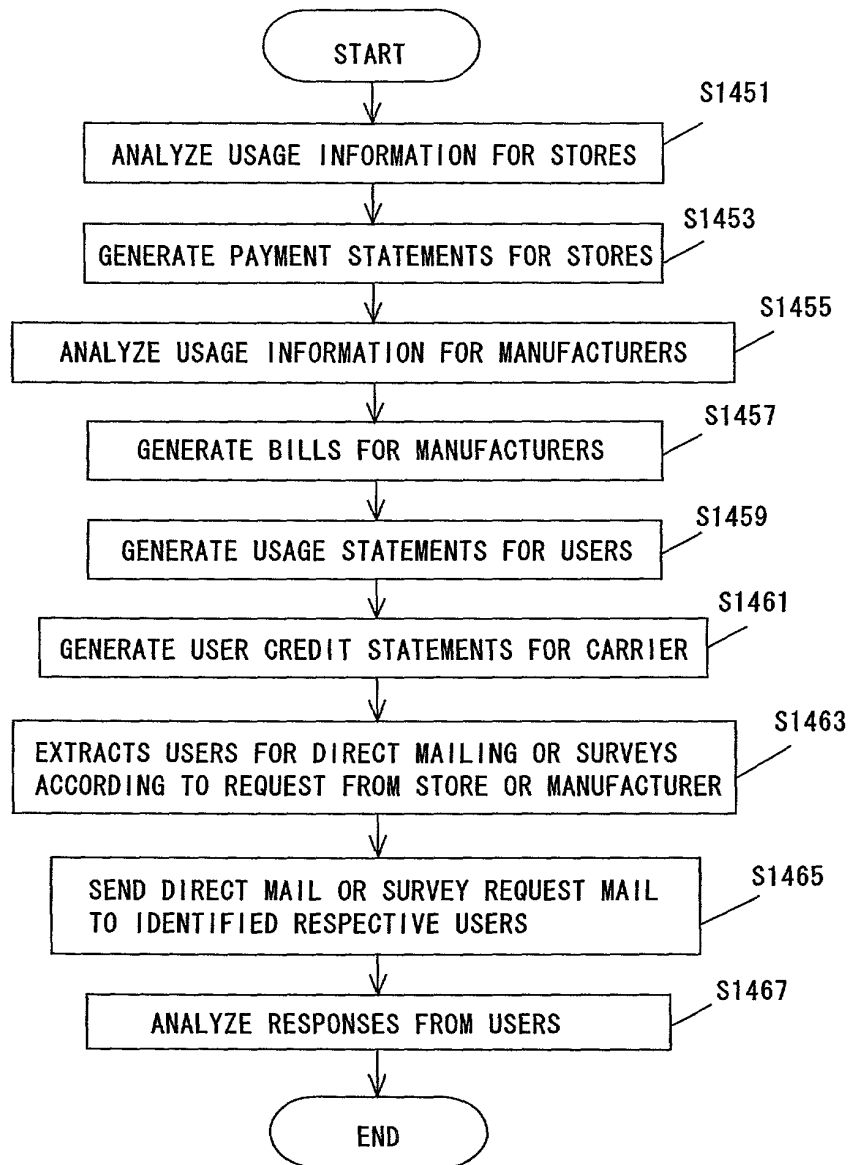


FIG. 29